

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Withdrawn; Currently Amended) A method for manufacturing a fixing belt for heating toner to fix the toner on a recording medium, heat resistant resin film with a metal thin film, comprising the steps of:

biasing a conductive material in a heat resistant resin layer to one surface of the heat resistant resin layer, thereby forming an electrode composed of the conductive material on the one surface of the heat resistant resin layer-film; and

applying electrolytic plating to the heat resistant resin layer film by using the ~~conductive material biased to the one surface of the heat resistant resin film as an electrode~~ to form a metal thin film on the electrode~~heat resistant resin film~~.

2. (Withdrawn) The method according to claim 1, wherein the step of biasing uses a difference in specific gravity between the heat resistant resin and the conductive material.

3. (Withdrawn) The method according to claim 2, wherein the use of the difference in specific gravity between the heat resistant resin and the conductive material is a centrifugal molding method in which at least one of an inorganic conductive material and an organic conductive material is subjected to gradient molding.

4. (Withdrawn) The method according to claim 2, wherein the use of the difference in specific gravity between the heat resistant resin and the conductive material is dipping in which at least one of an inorganic conductive material and an organic conductive material is collected near the one surface.

5. (Withdrawn; Currently Amended) The method according to claim 1, further comprising the steps of etching the one surface of the heat resistant resin layer so that the conductive material existing near the one surface acts as an electrode,

wherein the etching is one of abrasion, sandblasting, and chemical etching.

6. (Withdrawn) The method according to claim 1, wherein the conductive material is metal particles.

7. (Withdrawn) The method according to claim 1, wherein the conductive material is organic conductive polymer.

8. (Withdrawn; Currently Amended) The method according to claim 1, wherein the heat resistant resin layer includes is a heat resistant resin having polyimide as a main component.

9. (Currently Amended) A fixing belt for heating toner to fix the toner on a recording medium, ~~heat resistant resin film with a metal thin film, wherein the~~ comprising:
_____ a heat resistant resin layer including film includes therein a conductive material biased to one surface of the heat resistant resin ~~film, layer;~~
_____ an electrode, on the one surface of the heat resistant resin layer, the electrode being composed of the conductive material; and
_____ a metal thin film, on the electrode, deposited through use of the electrode, wherein:
_____ the metal thin film is formed by applying electrolytic plating to the heat resistant resin layer film by using the conductive material biased to the one surface of the heat resistant resin film as an electrode.

10. (Currently Amended) The fixing belt ~~heat resistant resin film~~ according to claim 9, wherein the conductive material biased to the one surface of the heat resistant resin layer film is biased to the one surface by using a difference in specific gravity between a the heat resistant resin and the conductive material.

11. (Currently Amended) The fixing belt ~~heat resistant resin film~~ according to claim 10, wherein the conductive material biased to the one surface of the heat resistant resin layer film by using the difference in specific gravity between ~~a the~~ heat resistant resin and the conductive material is biased to the one surface by centrifugal molding.

12. (Currently Amended) The fixing belt ~~heat resistant resin film~~ according to claim 10, wherein the conductive material biased to the one surface of the heat resistant resin layer film by using the difference in specific gravity between the heat resistant resin and the conductive material is biased to the one surface by dipping.

13. (Currently Amended) The fixing belt ~~heat resistant resin film~~ according to claim 9,

wherein the one surface of the heat resistant resin layer is etched so that the conductive material existing near the one surface acts as the an-electrode; and

wherein the etching is selected from the group consisting of abrasion, sandblasting, and chemical etching.

14. (Currently Amended) The fixing belt ~~heat resistant resin film~~ according to claim 9, wherein the conductive material is metal particles.

15. (Currently Amended) The fixing belt ~~heat resistant resin film~~ according to claim 9, wherein the conductive material is organic conductive polymer.

16. (Currently Amended) The fixing belt ~~heat resistant resin film~~ according to claim 9, wherein the heat resistant resin layer includes a is heat resistant resin having polyimide as a main component.

17. (Withdrawn; Currently Amended) The A-method according to claim 1, further comprising for manufacturing an endless belt comprising the steps of forming the fixing belt ~~heat resistant resin film according to claim 1~~ into an endless shape.

18. (Withdrawn) The method according to claim 17, wherein the metal thin film generates heat due to electromagnetic induction heating.

19. (Currently Amended) The fixing belt according to claim 9, ~~An endless belt,~~ wherein the fixing belt ~~heat resistant resin film according to claim 9~~ is formed into an endless shape.

20. (Currently Amended) The fixing ~~endless~~ belt according to claim 19, wherein the metal thin film generates heat due to electromagnetic induction heating.

21. (Currently Amended) An image forming apparatus comprising:
an image carrier formed a latent image based on a difference in electrostatic potential on a surface thereof;

a developing unit by which powdered toner including thermoplastic resin is made to adhere to the image carrier to visualize the latent image; and

a transferring and fixing member ~~an intermediate transferor~~ to which a toner image formed on the image carrier is transferred temporarily and which heats the toner image thereon and brings the melted toner image into compression bonding to a recording medium when the toner image is melted, wherein; and

~~transfer fixing unit for heating the toner image on the intermediate transferor and for bringing the melted toner image into compression bonding to a recording medium when the toner image is melted;~~

~~wherein the~~ transferring and fixing member includes a fixing belt formed into an endless shape; ~~intermediate transferor is an endless belt according to claim 20;~~ and

the transferring and fixing member ~~transfer fixing unit~~ includes an electromagnetic induction coil disposed in opposition to the transferring and fixing member; ~~intermediate transferor.~~

the fixing belt including:

a heat resistant resin layer including therein a conductive material biased to one surface of the heat resistant resin layer;

an electrode, on the one surface of the heat resistant resin layer, the electrode being composed of the conductive material; and

a metal thin film, on the electrode, deposited through use of the electrode, wherein the metal thin film is formed by applying electrolytic plating to the heat resistant resin layer by using the electrode, and the metal thin film generates heat due to electromagnetic induction heating.

22. (Withdrawn) The method according to claim 3, further comprising the steps of mixing the heat resistant resin and a plurality of kinds of materials having a difference in specific gravity from each other,

wherein at least one of the plurality kinds of materials is a conductive material.

23. (Withdrawn) The method according to claim 22, wherein the plurality kinds of materials are different in particle size from one another.

24. (Currently Amended) The fixing belt ~~heat resistant resin film~~ according to claim 11, wherein the heat resistant resin layer ~~film~~ has dispersed therein a plurality of materials having a difference in specific gravity from each other; and

at least one of the plurality of dispersed materials is the conductive material.

25. (Currently Amended) The fixing belt ~~heat resistant resin film~~ according to claim 24, wherein the plurality of materials dispersed in the heat resistant resin layer ~~film~~ are different in particle size from one another.

26. (Currently Amended) The fixing belt ~~heat resistant resin film~~ according to claim 9, wherein the heat resistant resin layer ~~film~~ further includes a surface releasable layer on the metal thin film.

27. (Currently Amended) The fixing belt ~~endless belt~~ according to claim 20, wherein the heat resistant resin layer ~~film~~ further includes a surface releasable layer on the metal thin film.